

SERVICE INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 9/1/2015, 9/2/2015, 9/3/2015	Man Days: 3
Inspection Unit: Pana	
Location of Audit: Pana	
Exit Meeting Contact: Kevin Glaspy	
Inspection Type: Design Testing and Construction	
Pipeline Safety Representative(s): Donald Hankins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

CONSTRUCTION INFORMATION		
Location of Construction: 210 Crowder, Tovey, Illinois	Construction Performed By: K&S Energy Contractor	
Contractor Foreman:	Terry Elliott Foreman	
Operator Inspector:	Kevin Glaspy, Quality Assurance	
Person(s) On Job Site		
Terry Elliott	David Trowbridge	Jeff Vebinger
Description of Construction: K&S Energy was replacing a service line at 210 Crowder, in Tovey, Illinois. The new service line was a 1 inch Driscoplex service line, with the service line being air tested at 95 pounds for 10 minutes with no leaks being found at this time.		

SERVICE INSTALLATION		Status
[192.55]	Steel	Yes
<u>General Comment:</u> <i>The gas main was 2 inch steel.</i>		
[192.59]	PE	Yes
<u>General Comment:</u> <i>The service line was 1 inch Driscoplex gas pipe.</i>		
[192.59]	Other	No

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<u>General Comment:</u>		
<i>No other pipe was installed.</i>		
[192.619,192.621,192.623]	MAOP	60#
[192.5]	Class location :	Class 3
[192.53]	Are components qualified for use?	Satisfactory
<u>General Comment:</u>		
<i>The fittings and the pipe were properly marked.</i>		
[192.63(a)(2)]	Pipe Size :	1 inch
[192.55,192.59]	Specification :	ASTM D-2513
[192.55,192.59]	Manufacturer :	Driscoplex pipe
[192.55,192.59]	Pipe Grade :	PE 2406/2708
[192.55,192.59]	Wall Thickness :	.099
[192.63]	Are pipe, valves, and fittings properly marked for identification?	Satisfactory
<u>General Comment:</u>		
<i>The fittings and the pipe were properly marked.</i>		
[192.227]	Welder qualification date:	7-14-15
[192.227]	Welder's Name:	Jeff Vebinger
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	Satisfactory
<u>General Comment:</u>		
<i>Pipe was joined according to the O&M procedures.</i>		
[192.285]	Date of Qualification :	3-18-15
[192.285]	Joiner's name:	Jeff Vebinger
[192.455]	Is buried metallic pipe coated?	Satisfactory
<u>General Comment:</u>		
<i>The gas main had factory coating on it.</i>		
[192.455(a)(1)]	Is cathodic protection being provided?	Satisfactory
<u>General Comment:</u>		
<i>Cathodic protection is being provided with the cathodic reading being -1.0</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	Yes
<u>General Comment:</u>		
<i>Cathodic protection is being provided by anodes.</i>		

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[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	No
<u>General Comment:</u> <i>The gas system does not have rectifiers protecting the piping at this location.</i>		
[192.461]	Does coating meet 192.461?	Satisfactory
<u>General Comment:</u> <i>The coating was knocked off and the pipe was cleaned down to bare metal and then the tapping tee welded to the gas main, then the main and service tee was coated and wrapped.</i>		
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	Satisfactory
<u>General Comment:</u> <i>Coating that was applied was inspected as back-filling was performed.</i>		
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	Satisfactory
<u>General Comment:</u> <i>The service line riser was clean and coated at the meter set.</i>		
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	Satisfactory
<u>General Comment:</u> <i>No other metallic structures were in the area of the pipe installation.</i>		
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	Satisfactory
<u>General Comment:</u> <i>Dirt was placed over the service line by hand before back-filling was conducted.</i>		
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	Satisfactory
<u>General Comment:</u> <i>A protective sleeve was placed over the service line at the tapping tee to provide protection to the service line at the tapping tee.</i>		
[192.321]	Does plastic pipe have means of locating while underground?	Satisfactory
<u>General Comment:</u> <i>A tracer wire was included into the ditch for means of locating the service line.</i>		
[192.327(a)]	Is required cover being obtained for the service line?	Satisfactory
<u>General Comment:</u> <i>The service line was installed at a depth of 26 inches.</i>		
[192.503]	Are general testing requirements being met?	Satisfactory
<u>General Comment:</u>		

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<i>The service line and tapping tee was air tested to 100 psig for 10 minutes, with no leaks being found.</i>		
[192.517]	Are records being made of strength and leak tests?	Satisfactory
<u>General Comment:</u> <i>The contractor foreman completed the air test records for this service line.</i>		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	Satisfactory
<u>General Comment:</u> <i>Staff inspected the operator qualification records for K&S Energy, with all employees being qualified.</i>		
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	Not Applicable
<u>General Comment:</u> <i>All employees were qualified to do the covered tasks.</i>		
[192.805(c)]	Were span of control limitations being followed?	Not Applicable
<u>General Comment:</u> <i>All employees were qualified to do the covered tasks.</i>		
Was a Protocol 9 (Form 15) Completed?		No
<u>General Comment:</u> <i>A protocol form 15 was completed during this audit.</i>		
[192.614]	Were One Call Notifications performed as required?	Satisfactory
<u>General Comment:</u> <i>K&S Energy had the required Julie notification dig number with them.</i>		
[192.614]	Dig Ticket #	X002320036
[192.383(b)]	Is an EFV installed on any new or replaced service line serving a single-family residence?	Satisfactory
<u>General Comment:</u> <i>A UMAC excess flow valve was installed at the tapping tee.</i>		
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	Satisfactory
<u>General Comment:</u> <i>K&S Energy took proper steps to prevent accidental ignition.</i>		

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